






PRECIPITATED SILICA INSULATION

Patent number: CN86100942
Publication date: 1986-08-06
Inventor:
Applicant:
Classification:
- international: **C04B30/00; F25D23/06; C04B30/00; F25D23/06;**
(IPC1-7): C01B33/113
- european: C04B30/00; F25D23/06
Application number: CN19860100942 19860204
Priority number(s): US19850699930 19850208

Also published as:

 EP0190582 (A2)
 US4636415 (A1)
 JP61217668 (A)
 ES8706885 (A)
 EP0190582 (A3)

[more >>](#)

[Report a data error here](#)

Abstract not available for CN86100942

Abstract of corresponding document: **US4636415**

Precipitated silica, formed by the interaction of sodium water glass and sulfuric acid, followed by mechanical processing, is employed as an insulating material having a low thermal conductivity. The precipitated silica is dried, compressed, placed in an evacuable pouch, and evacuated. The resulting board-like insulation configuration is used directly as insulation in, for example, household refrigerators.

Data supplied from the **esp@cenet** database - Worldwide